## What is claimed is:

- 1. A process for preparing a surfactant-free suspension including hydrophobic particles and at least 50.01% by weight of water,
- which comprises
  suspending hydrophobic, nanostructured particles in at least one organic

suspending hydrophobic, hanostructured particles in at least one organic solvent miscible with water and having a boiling point below 150°C, and then intensively and thoroughly mixing this concentrated organic suspension with surfactant-free water.

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- The process as claimed in claim 1,
   wherein
   use is made of particles whose average diameter is from 0.01 to 100 μm.
- 3. The process as claimed in claim 1 or 2,whereinuse is made of particles whose average diameter is from 0.05 to 30 μm.
  - 4. The process as claimed in at least one of claims 1 to 3, wherein

use is made of particles selected from minerals, aluminum oxide, silicates, silicas, metal oxides, mixed oxides, metal powders, pigments, and polymers.

5. The process as claimed in at least one of claims 1 to 4, wherein the particles have hydrophobic properties after treatment with at least one compound from the group consisting of the alkylsilanes, fluoroalkylsilanes and disilazanes.

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- 6. The process as claimed in at least one of claims 1 to 5, wherein acetone or tetrahydrofuran is used as organic solvent.
- 7. The process as claimed in at least one of claims 1 to 5, wherein an alcohol is used as organic solvent.

8. The process as claimed in claim 7,

wherein

use is made of an alcohol selected from methanol, ethanol, n-propanol, and isopropanol.

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- 9. An aqueous suspension prepared by the process as claimed in at least one of claims 1 to 8.
- 10. The suspension as claimed in claim 9,
- 10 which

has from 0.10 to 2.50% by weight of suspended hydrophobic particles, based on the suspension.

- 11. The suspension as claimed in claim 9 or 10,
- 15 which

has from 0.10 to 49.98% by weight of alcohol, based on the suspension.

- 12. The suspension as claimed in claim 9, which
- has at least 60.00% by weight of water, based on the suspension.
  - 13. The use of the suspension prepared as claimed in at least one of claims 1 to 8 for producing detachable dirt- and water-repellant coatings on particles.

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- 14. A process for producing a detachable, dirt- and water-repellant coating on articles, where, during the coating process, hydrophobic particles are applied to the surface of the articles and thus a surface structure with elevations is produced on the surface of the articles, and has dirt- and water-repellant properties,
- which comprises

applying, to at least one surface, a suspension prepared as claimed in at least one of claims 1 to 8, and then removing the suspension medium.

35 15. The process as claimed in claim 14,

wherein

the application of the suspension to at least one surface of an article takes place by dipping the article into the suspension.

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16. The process as claimed in claim 14, wherein

the application of the suspension to at least one surface of an article takes place by spray-application of the suspension.

- 17. The process as claimed in claim 16, wherein a spray is used to apply the suspension.
- 18. An article which has, on at least one surface, a water- and dirtrepellant coating produced by a process as claimed in at least one of claims 14 to 17.
- 15 19. A protective coating produced as claimed in any of claims 14 to 17.
  - 20. The protective coating as claimed in claim 19, which can be removed from the surface of the article by impact from a liquid with momentum greater than 12 mNs.
  - 21. The protective coating as claimed in claim 19 or 20, which is used to protect articles, films or textiles from high levels of contamination by dirt and/or water during outdoor activities, during leisure or during work.
  - 22. The protective coating as claimed in claim 19 or 20, which is used to protect articles and products from contamination during transport or in spaces used for purposes of sales or of presentations.
  - 23. The protective coating as claimed in claim 19 or 20, which is used to protect technical textiles and fabrics used for textile buildings.
  - 24. An impregnating spray which comprises a suspension as claimed in any of claims 9 to 12.